

Abstract

A device is provided for initiating and implementing a sudden vehicle deceleration, especially for emergency braking
5 situations, the deceleration being initiated by the explosion of at least one propelling charge or explosive charge that acts on at least one component of the deceleration devices. Due to the explosion of the propelling charge or explosive
10 charge, a piston is moved that applies pressure to the brake fluid, or an arrester is destroyed so that the stored energy of an energy-storing apparatus can be released. This device is triggered automatically with the aid of a surrounding-field sensor system when an unavoidable collision is detected based
15 upon the objects in the surroundings of the vehicle and their movement.

(Figure 1)